

ABSTRACT OF THE DISCLOSURE

A full color three electrode surface discharge type plasma display device that has fine image elements and is large and has a bright display. The three primary color luminescent areas are arranged in the extending direction of the display electrode pairs in a successive manner and an image element is composed by the three unit luminescent areas defined by these three luminescent areas and address electrodes intersecting these three luminescent areas. Further, phosphors are coated not only on a substrate but also on the side walls of the barriers and on address electrodes. The manufacturing processes and operation methods of the above constructions are also disclosed.